SYSTEM AND METHOD OF PROCESSING STRUCTURED
TEXT FOR TEXT-TO-SPEECH SYNTHESIS

ABSTRACT OF THE DISCLOSURE

A method for processing structured text is provided. Tokenized text is created

5   from structured text in accordance with a predetermined set of tokenizer rules set forth

in a token pattern knowledge base (13), in which each tokenizer rule defines a simplex

constituent. Parsed text is created from tokenized text in accordance with a

predetermined set of parser rules set forth in a parser rule knowledge base (15), in

which each parser rule defines a complex constituent. Processed text is created from

10   parsed text in accordance with a predetermined set of interpreter rules set forth in an

interpretation knowledge base (17), in which each interpreter rule defines a message

element corresponding to a simplex or complex constituent, whereby the processed

text identifies and provides an interpretation of the message elements of the

corresponding structured text for a useful purpose, such as text-to-speech synthesis.